Substitute for form 1449A/PTO

FIRST INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

STATEMENT BY APPLICANT

ATTORNEY'S DKT No.
029430-552

APPLICANT
Shinjirou SAKURAI et al.

FILING DATE
July 3, 2003

GROUP
Unassigned

Initials	表型	
Number (if known) of Cited Document (MM-DD-YYY)		
SH 5,919,729 Mori et al 07-06-1998 SH 5,409,881 Mori et al 04-25-1998 SH 5,409,881 Mori et al 04-25-1998 SH S,409,881 Mori et al 04-25-1998 SH S,409,881 Sh Sh Sh Sh Sh Sh Sh S	Date of Publication (MM-DD-YYYY)	
Standard Standard	07-06-1999	
Foreign Patent Document Examiner Number Kind Code iff known Country Date of Publication (MM-DD-YYYY)	04-25-1995	
Poreign Patent Document Number Kind Code (if known) Country (MM-DD-YYYY) (MM-DD-YYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYY) (MM-DD-YYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYY) (MM-DD-YYYYY) (MM-DD-YYYYY) (MM-DD-YYYYY) (MM-DD-YYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-D-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYY) (MM-DD-YYYYYYYY) (MM-DD-YYY		4.7
Number		
BH 0 436 390 Europe 07-10-1991 0 522 791 A1 Europe 01-13-1993 0 624 606 A1 Europe 11-17-1994 0 654 454 A1 Europe 05-24-1995 1 555 868 Great Britain 11-14-1979 8-118560 Japan (w/English abstract) 05-14-1996 JP-57-19036 Japan (w/English abstract) 04-20-1982 JP-55-95593 Japan (w/English abstract) 07-19-1980 JP-58-38733 Japan (w/English abstract) 03-07-1983 JP-56-126183 Japan (w/English abstract) 10-02-1981 JP-57-188394 Japan (w/English abstract) 11-19-1982 JP-61-284483 Japan (w/English abstract) 12-15-1986 JP-03-67689 Japan (w/English abstract) 03-22-1991 JP-04-189587 Japan (w/English abstract) 07-08-1992 JP-06-183151 Japan (w/English abstract) 07-08-1992 JP-06-135135 Japan (w/English abstract) 07-05-1994 JP-04-12884 Japan (w/English abstract) 05-17-1994 JP-05-254249 Japan (w/English abstract) 05-17-1994 JP-05-254249 Japan (w/English abstract) 01-17-1992 JP-05-254249 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 05-19-1970 NONPATENT LITERAT URE DOCUMENTS	Trans	
0 522 791 A1 Europe 01-13-1993 0 624 606 A1 Europe 11-17-1994 0 654 454 A1 Europe 05-24-1995 1 555 868 Great Britain 11-14-1979 8-118560 Japan (w/English abstract) 05-14-1996 JP-57-19036 Japan (w/English abstract) 04-20-1982 JP-55-95593 Japan (w/English abstract) 07-19-1980 JP-58-38733 Japan (w/English abstract) 03-07-1983 JP-56-126183 Japan (w/English abstract) 10-02-1981 JP-57-188394 Japan (w/English abstract) 11-19-1982 JP-61-284483 Japan (w/English abstract) 12-15-1986 JP-03-67689 Japan (w/English abstract) 03-22-1991 JP-04-189587 Japan (w/English abstract) 07-08-1992 JP-06-135135 Japan (w/English abstract) 07-05-1994 JP-04-12884 Japan (w/English abstract) 05-17-1994 JP-05-254249 Japan (w/English abstract) 05-17-1994 JP-05-254249 Japan (w/English abstract) 01-17-1992 JP-05-254249 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 05-19-1970 NON PATENT LITERATURE DOCUMENTS	Yes	
0 624 606		
December December		
1 555 868 Great Britain 11-14-1979 8-118560 Japan (w/English abstract) 05-14-1996 JP-57-19036 Japan (w/English abstract) 04-20-1982 JP-55-95593 Japan (w/English abstract) 07-19-1980 JP-58-38733 Japan (w/English abstract) 03-07-1983 JP-56-126183 Japan (w/English abstract) 10-02-1981 JP-57-188394 Japan (w/English abstract) 11-19-1982 JP-61-284483 Japan (w/English abstract) 12-15-1986 JP-03-67689 Japan (w/English abstract) 03-22-1991 JP-04-189587 Japan (w/English abstract) 07-08-1992 JP-06-135135 Japan (w/English abstract) 07-05-1994 JP-04-12884 Japan (w/English abstract) 05-17-1994 JP-05-254249 Japan (w/English abstract) 01-17-1992 JP-61-3993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 NON PATIENT LITERAT URE DOCUMENTS		
8-118560 Japan (w/English abstract) 05-14-1996 JP-57-19036 Japan (w/English abstract) 04-20-1982 JP-55-95593 Japan (w/English abstract) 07-19-1980 JP-58-38733 Japan (w/English abstract) 03-07-1983 JP-56-126183 Japan (w/English abstract) 10-02-1981 JP-57-188394 Japan (w/English abstract) 11-19-1982 JP-61-284483 Japan (w/English abstract) 12-15-1986 JP-03-67689 Japan (w/English abstract) 03-22-1991 JP-04-189587 Japan (w/English abstract) 07-08-1992 JP-06-135135 Japan (w/English abstract) 07-05-1994 JP-06-135135 Japan (w/English abstract) 05-17-1994 JP-04-12884 Japan (w/English abstract) 01-17-1992 JP-05-254249 Japan (w/English abstract) 01-17-1993 JP-66-13993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 NON PATENT LITERATURE DOCUMENTS		
JP-57-19036		
JP-55-95593 Japan (w/English abstract) 07-19-1980 JP-58-38733 Japan (w/English abstract) 03-07-1983 JP-56-126183 Japan (w/English abstract) 10-02-1981 JP-57-188394 Japan (w/English abstract) 11-19-1982 JP-61-284483 Japan (w/English abstract) 12-15-1986 JP-03-67689 Japan (w/English abstract) 03-22-1991 JP-04-189587 Japan (w/English abstract) 07-08-1992 JP-06-183151 Japan (w/English abstract) 07-05-1994 JP-06-135135 Japan (w/English abstract) 05-17-1994 JP-04-12884 Japan (w/English abstract) 01-17-1992 JP-05-254249 Japan (w/English abstract) 01-05-1993 JP-66-13993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the		
JP-58-38733 Japan (w/English abstract) 03-07-1983 JP-56-126183 Japan (w/English abstract) 10-02-1981 JP-57-188394 Japan (w/English abstract) 11-19-1982 JP-61-284483 Japan (w/English abstract) 12-15-1986 JP-03-67689 Japan (w/English abstract) 03-22-1991 JP-04-189587 Japan (w/English abstract) 07-08-1992 JP-06-183151 Japan (w/English abstract) 07-05-1994 JP-06-135135 Japan (w/English abstract) 05-17-1994 JP-04-12884 Japan (w/English abstract) 01-17-1992 JP-05-254249 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-10-1981 JP-45-14039 Japan (w/English abstract) 05-19-1970 Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the		·
JP-56-126183 Japan (w/English abstract) 10-02-1981 JP-57-188394 Japan (w/English abstract) 11-19-1982 JP-61-284483 Japan (w/English abstract) 12-15-1986 JP-03-67689 Japan (w/English abstract) 03-22-1991 JP-04-189587 Japan (w/English abstract) 07-08-1992 JP-06-183151 Japan (w/English abstract) 07-05-1994 JP-06-135135 Japan (w/English abstract) 05-17-1994 JP-04-12884 Japan (w/English abstract) 01-17-1992 JP-05-254249 Japan (w/English abstract) 10-05-1993 JP-56-13993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the		
JP-57-188394 Japan (w/English abstract) 11-19-1982 JP-61-284483 Japan (w/English abstract) 12-15-1986 JP-03-67689 Japan (w/English abstract) 03-22-1991 JP-04-189587 Japan (w/English abstract) 07-08-1992 JP-06-183151 Japan (w/English abstract) 07-05-1994 JP-06-135135 Japan (w/English abstract) 05-17-1994 JP-04-12884 Japan (w/English abstract) 01-17-1992 JP-05-254249 Japan (w/English abstract) 10-05-1993 JP-56-13993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the article (when appropriate).		
JP-61-284483 Japan (w/English abstract) 12-15-1986 JP-03-67689 Japan (w/English abstract) 03-22-1991 JP-04-189587 Japan (w/English abstract) 07-08-1992 JP-06-183151 Japan (w/English abstract) 07-05-1994 JP-06-135135 Japan (w/English abstract) 05-17-1994 JP-04-12884 Japan (w/English abstract) 01-17-1992 JP-05-254249 Japan (w/English abstract) 10-05-1993 JP-56-13993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 **NON PATENT LITERAT URE DOGUMENTS* **Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the		
JP-03-67689 Japan (w/English abstract) 03-22-1991 JP-04-189587 Japan (w/English abstract) 07-08-1992 JP-06-183151 Japan (w/English abstract) 07-05-1994 JP-06-135135 Japan (w/English abstract) 05-17-1994 JP-04-12884 Japan (w/English abstract) 01-17-1992 JP-05-254249 Japan (w/English abstract) 10-05-1993 JP-56-13993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 NON PATENT LITERAT URE DOCUMENTS Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the		
JP-04-189587 Japan (w/English abstract) 07-08-1992 JP-06-183151 Japan (w/English abstract) 07-05-1994 JP-06-135135 Japan (w/English abstract) 05-17-1994 JP-04-12884 Japan (w/English abstract) 01-17-1992 JP-05-254249 Japan (w/English abstract) 10-05-1993 JP-56-13993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 NON PATENT LITERAT URE DOGUMENTS 10-05-19-1970 Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	•	
JP-06-183151 Japan (w/English abstract) 07-05-1994 JP-06-135135 Japan (w/English abstract) 05-17-1994 JP-04-12884 Japan (w/English abstract) 01-17-1992 JP-05-254249 Japan (w/English abstract) 10-05-1993 JP-56-13993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 NON PATENT LITERAT URE DOCUMENTS 10-05-19-1970 Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the		
JP-06-135135 Japan (w/English abstract) 05-17-1994 JP-04-12884 Japan (w/English abstract) 01-17-1992 JP-05-254249 Japan (w/English abstract) 10-05-1993 JP-56-13993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 NON PATENT LITERAT URE DOCUMENTS Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the		
JP-04-12884 Japan (w/English abstract) 01-17-1992 JP-05-254249 Japan (w/English abstract) 10-05-1993 JP-56-13993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 NON PATENT LITERAT URE DOGUMENTS 10-19-1970 Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the		
JP-05-254249 Japan (w/English abstract) 10-05-1993 JP-56-13993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the		
JP-05-254249 Japan (w/English abstract) 10-05-1993 JP-56-13993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 NON PATENT LITERAT URE DOCUMENTS Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the		
JP-56-13993 Japan (w/English abstract) 02-10-1981 JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 NON PATIENT: LITERAT URE DOCUMENTS Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	<u> </u>	
JP-43-4160 Japan (w/English abstract) 02-15-1968 JP-45-14039 Japan (w/English abstract) 05-19-1970 NON PATENT LITERAT URE DOGUMENTS Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the		
JP-45-14039 Japan (w/English abstract) 05-19-1970 NON PATIENT LITERAT URE DOCUMENTS Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the		
NON PATIENT: LITERAT URE DOCUMENTS:		
Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	张	0.33
Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	数程	性包
Examiner item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number	(s),	
Initials publisher, city and/or country where published.		
Examiner Signature Date Considered 5-20-05/6-27	-0	5